1. Express product protein in tg milk

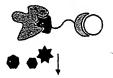
2. Express peptide affinity ligand/tag fusion in tg mlik



3. Blend to milk streams, allowing tagged ligand to bind to product



4. Affinity bind product/tagged ligand complex to Tag P-binding matrix



5. Eiute purified product. Recycle tagged ligand (if desired).

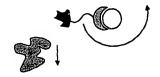
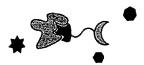


Figure 1

1. Express both product protein and peptide affinity ligand/tag fusion in same tg milk



2. Affinity bind product/tagged figand complex to Tag P-binding matrix



3. Elute purified product



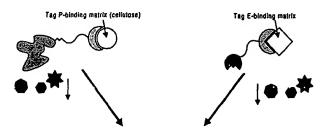
Figure 2



2. Express cleavage enzyme/tag fusion in tg mlik



3. Affinity bind tagged product to Tag P-binding matrix 4. Purify tagged enzyme on Tag E-binding matrix



5. Cleave product off Tag P resin with tagged enzyme



6. Separate tagged enzyme with Tag E matrix. Recycle enzyme (if desired).



Figure 3